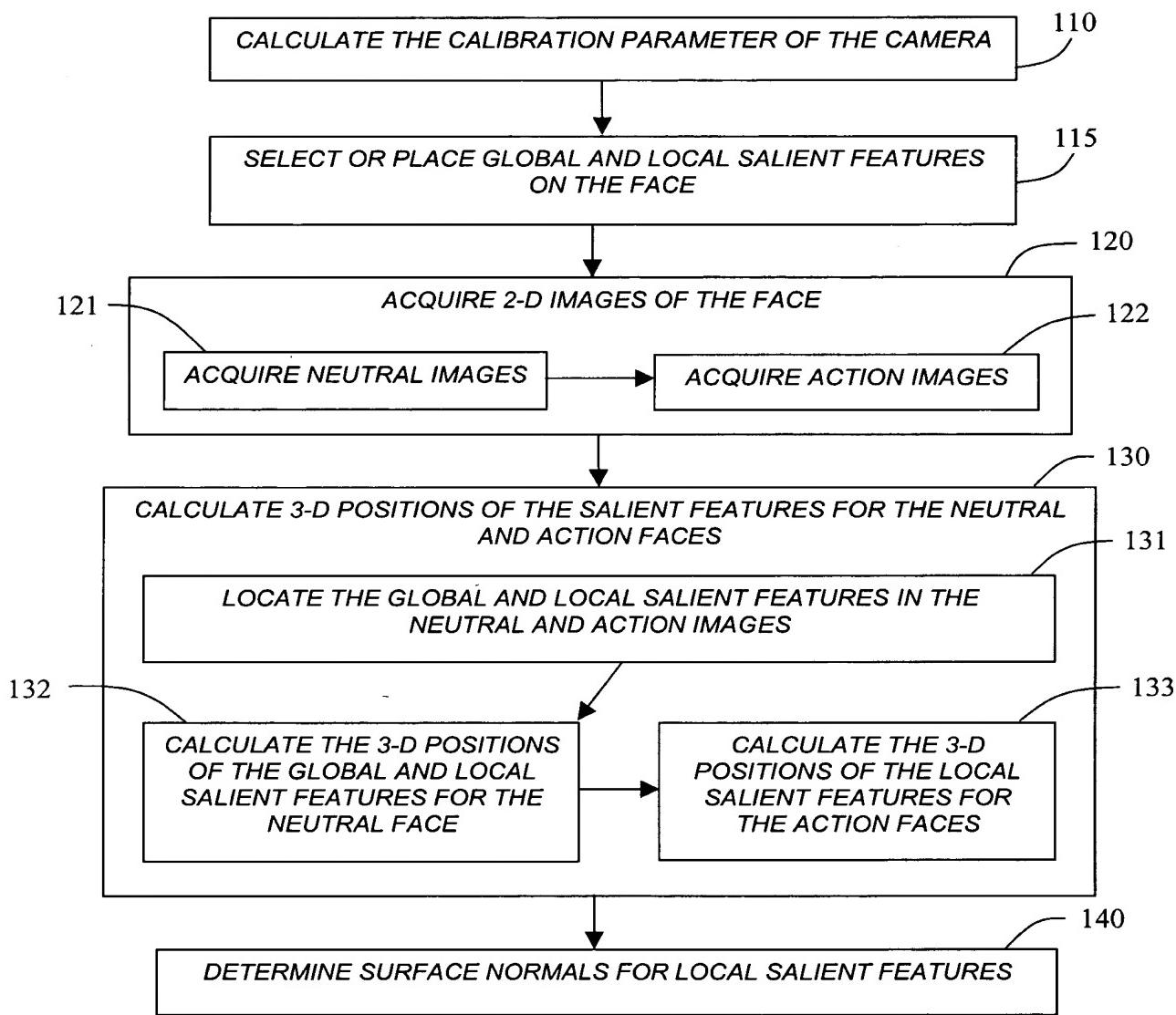


**FIG. 1**

0969565 • 4,03,200



**FIG. 2**

09689565 3.0 12.00

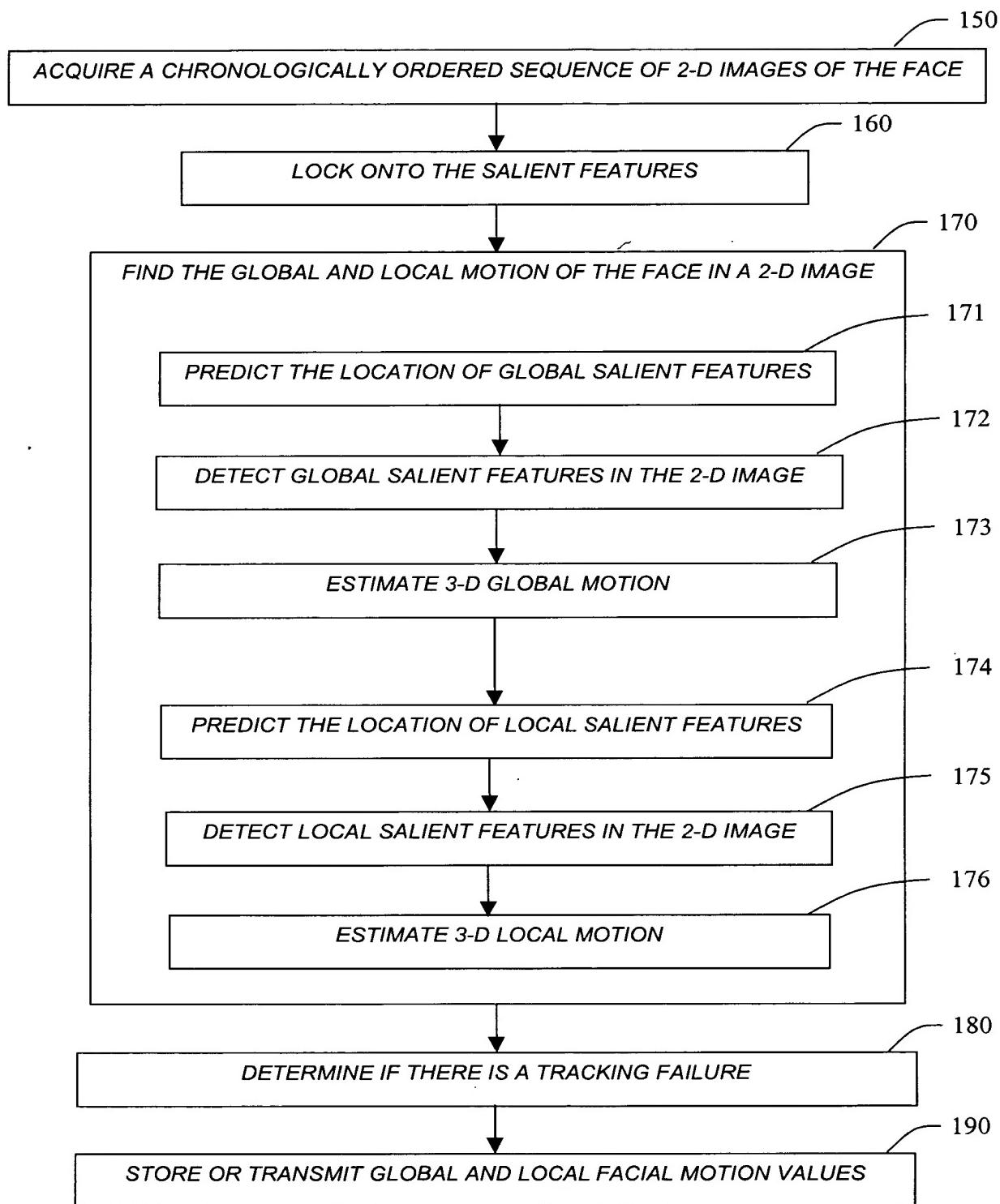
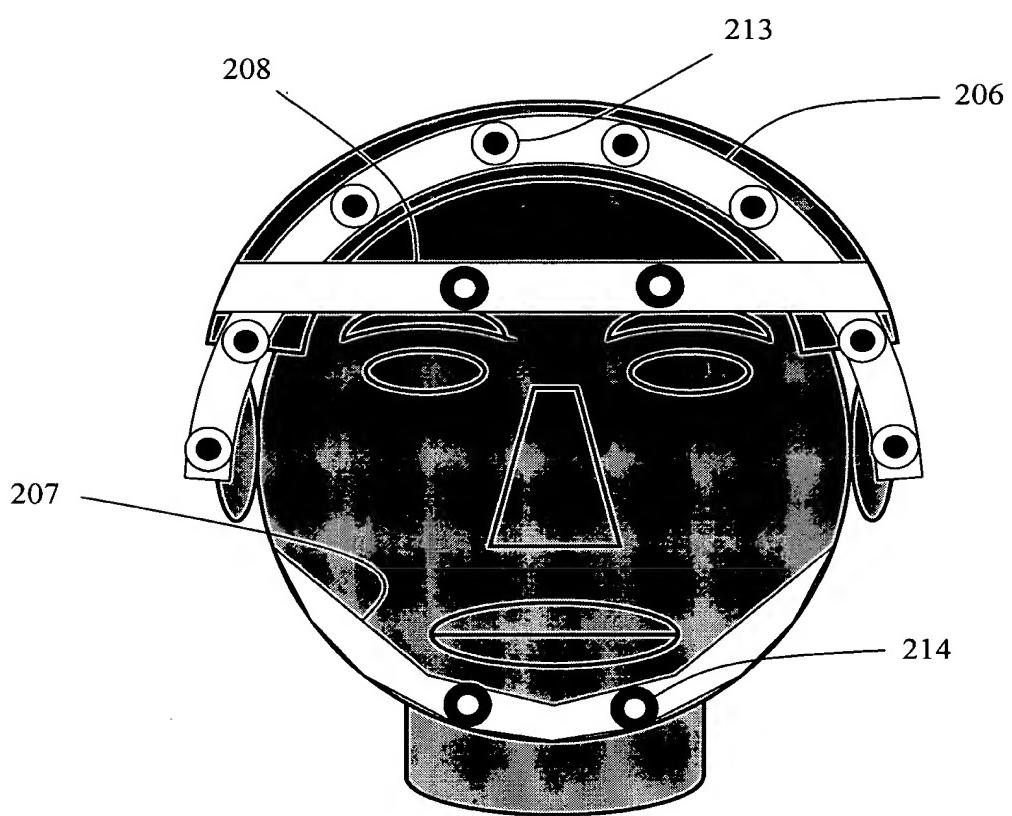
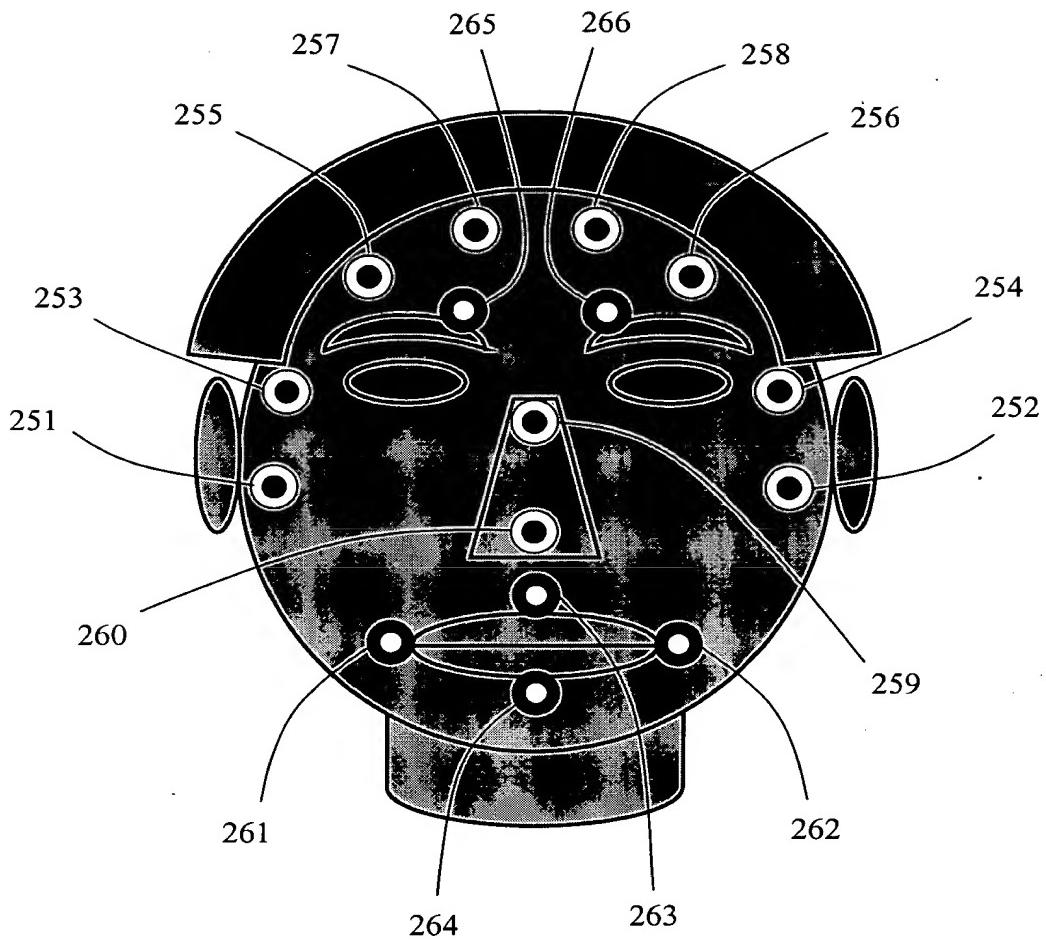


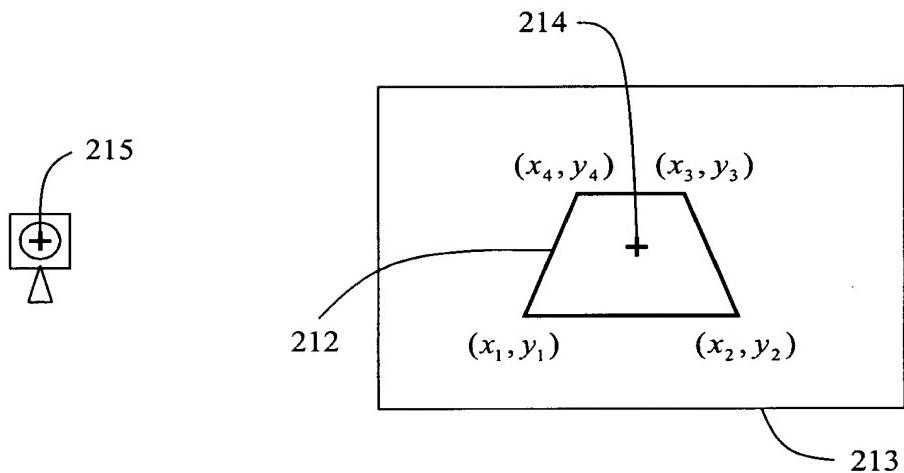
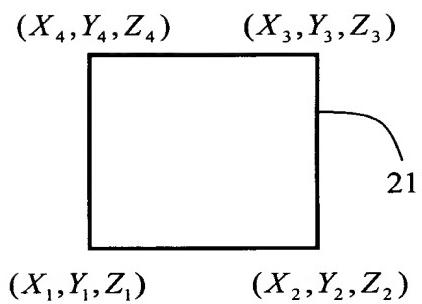
FIG. 3



**FIG. 4**



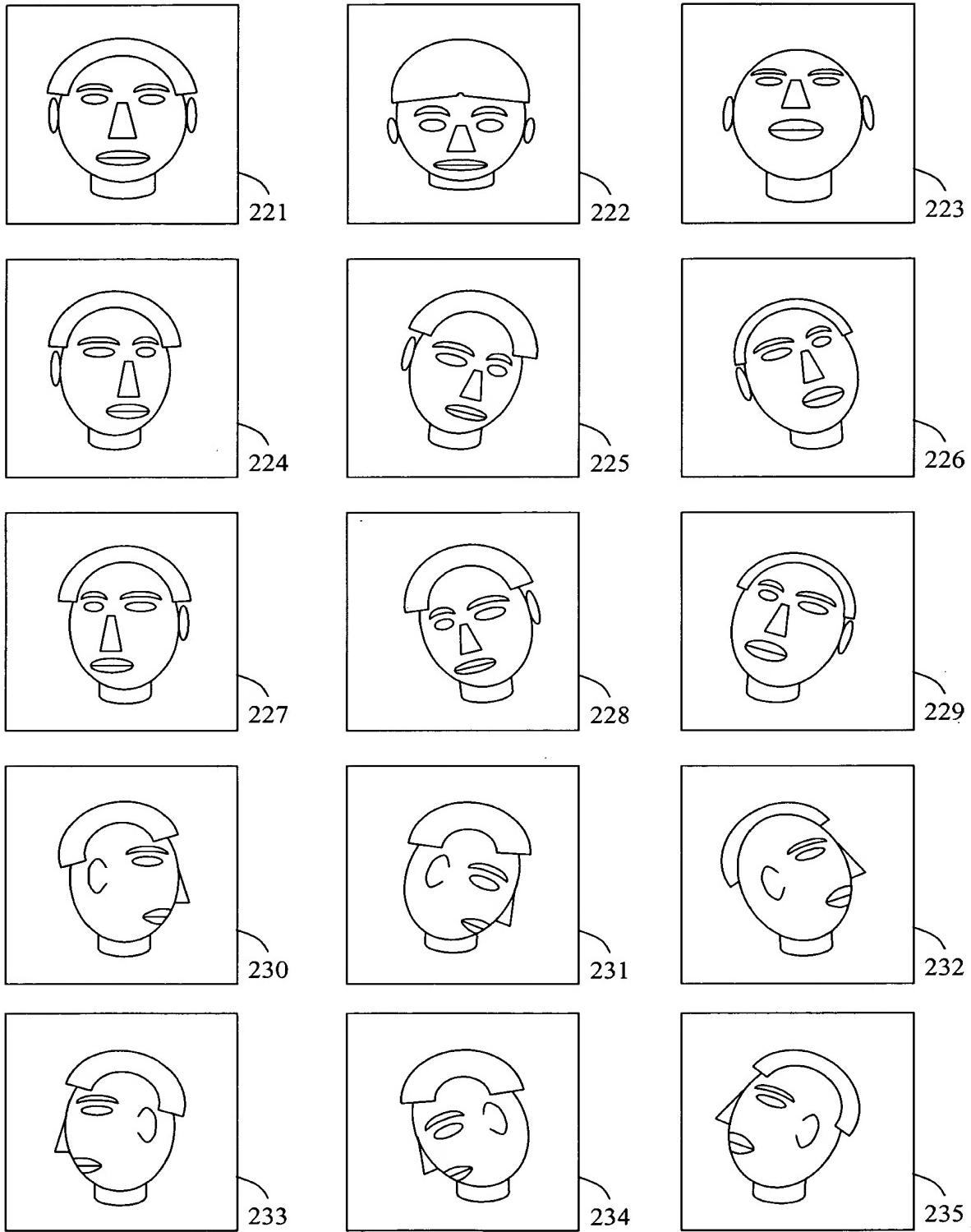
**FIG. 5**



**FIG. 6b**

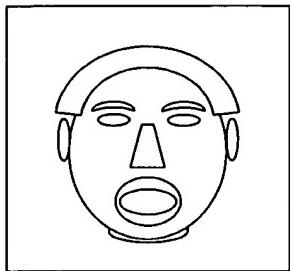
**FIG. 6a**

09689565 "101200

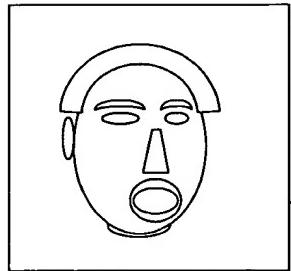


**FIG. 7**

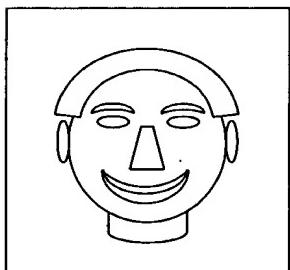
09689565 "4.0 1.2 2000



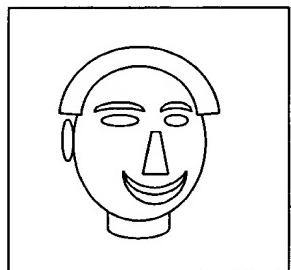
241



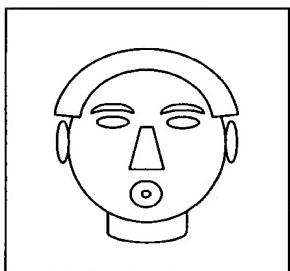
242



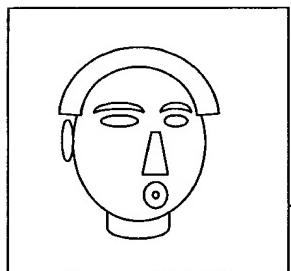
243



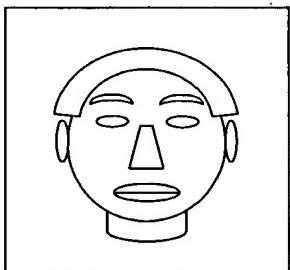
244



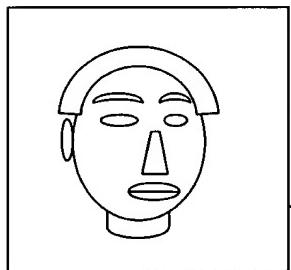
245



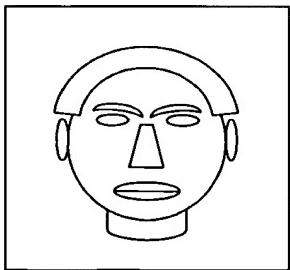
246



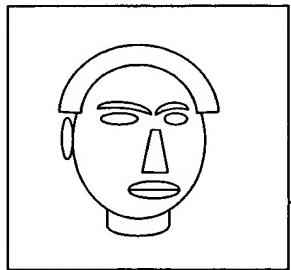
247



248



249



250

**FIG. 8**

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Markers →		Neutral Images ↓															
		Right-ear-base 251	Left-ear-base 252	Right-temple 253	Left-temple 254	Right-outer-forehead 255	Left-outer-forehead 256	Right-central-forehead 257	Left-central-forehead 258	Nose-base 259	Nose-tip 260	Right-lip-corner 261	Left-lip-corner 262	Upper-lip-center 263	Lower-lip-center 264	Right-central-eyebrow 265	Left-central-eyebrow 266
Front 221	X X X X X X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Forehead 222	X X X X X X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Chin 223	X X X X X X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Angled-right 224	X X X X X X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Angled-right-tilted-down 225	X X X X X X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Angled-right-tilted-up 226	X X X X X X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Angled-left 227	X X X X X X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Angled-left-tilted-down 228	X X X X X X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Angled-left-tilted-up 229	X X X X X X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Full-right-profile 230	X X X X X X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Full-right-profile-tilted-down 231	X X X X X X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Full-right-profile-tilted-up 232	X X X X X X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Full-left-profile 233	X X X X X X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Full-left-profile-tilted-down 234	X X X X X X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Full-left-profile-tilted-up 235	X X X X X X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	

**FIG. 9**

FIG. 10

<i>Skull Marker Name</i>	<i>Surface Normal</i>
Right-ear-base <b>251</b>	(-1.0, 0.0, 0.5)
Left-ear-base <b>252</b>	(1.0, 0.0, 0.5)
Right-temple <b>253</b>	(-1.0, 0.2, 0.4)
Left-temple <b>254</b>	(1.0, 0.2, 0.4)
Right-outer-forehead <b>255</b>	(-1.0, 0.4, 0.8)
Left-outer-forehead <b>256</b>	(1.0, 0.4, 0.8)
Right-central-forehead <b>257</b>	(-0.6, 0.8, 1.0)
Left-central-forehead <b>258</b>	(0.6, 0.8, 1.0)
Nose-base <b>259</b>	(0.0, 0.6, 1.0)
Nose-tip <b>260</b>	(0.0, 0.2, 1.0)

**FIG. 11**

<i>Joint Marker Name</i>	<i>Surface Normal</i>	<i>Motion Plane Basis Vector 1</i>	<i>Motion Plane Basis Vector 2</i>
Right-lip-corner <b>261</b>	(-1.0, 0.0, 1.0)	(1.0, 0.0, 1.0)	(0.0, -1.0, 0.0)
Left-lip-corner <b>262</b>	(1.0, 0.0, 1.0)	(-1.0, 0.0, 1.0)	(0.0, -1.0, 0.0)
Upper-lip-center <b>263</b>	(0.0, 0.0, 1.0)	(0.0, 0.0, 1.0)	(0.0, 1.0, 0.0)
Lower-lip-center <b>264</b>	(0.0, 0.0, 1.0)	(0.0, 0.0, 1.0)	(0.0, -1.0, 0.0)
Right-central-eyebrow <b>265</b>	(-0.1, 0.0, 1.0)	(-1.0, 0.0, 0.0)	(0.0, 1.0, 0.0)
Left-central-eyebrow <b>266</b>	(0.1, 0.0, 1.0)	(1.0, 0.0, 0.0)	(0.0, 1.0, 0.0)

**FIG. 12**